

# Pressure Monitor



## Pressure Sensor for Liquid & Gas

This sensor has a wide range of industrial applications with high accuracy, ultra-low power and long-term durable performance in harsh environments.

The KoolZone Pressure Monitor is designed to support outdoor applications and is suitable for liquids and gases compatible with SS316. It is a sealed gauge pressure sensor, which reads zero at 1 atmosphere.

## Applications

Pump performance monitoring, water pipeline pressure monitoring, pressurised system monitoring, chiller and cooling system monitoring hydraulic and pneumatic systems monitoring, liquid storage level monitoring, spraying system monitoring, air compressor monitoring.

## Calibration

Different levels of calibration are available, the manufacturers' calibration certification, UKAS calibration, and reference calibration at specific temperature points carried out by KoolZone.



**Pressure Monitoring**



**Accuracy  $\pm 0.25$  %Span**



**1 Year Battery Lifetime**



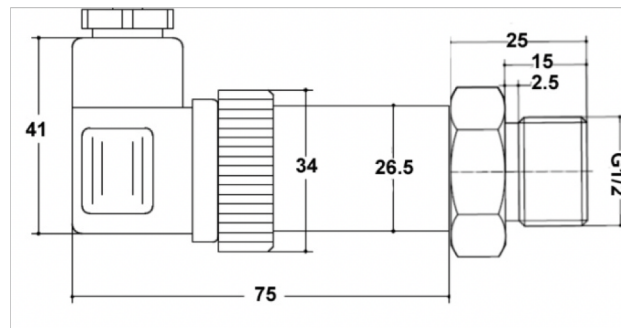
**Wireless Connection**



**Out-of-the-Box**

## Technical Specification

Power Supply	Built-in battery
Measurement Range	0~200 bar
Accuracy	±0.25% span = 0.5 bar
Dimensions	H: 40mm W: 110mm D: 150mm
Battery Lifetime	20,000 readings, 1 year at 30 minute sample interval
Sampling Rate	30mins default (5 minutes to 1 day)
Long term stability (1 year)	≤ 0.2% span
Pressure Overload	150% span
Pressure Cycles (Zero to Full Scale)	10+ million
Compensated Temperature	-10 ~ +70°C
Materials	O-ring: Viton body: SS304, diaphragm: SS316, oil: silicon / olive, enclosure: ASA
Process connection	G1/2 Male
Weight	550 g
Protection Rate	IP65 /IP67, UV protected



## Note

Monitored data and alarms are visible through KoolZone's sophisticated monitoring platform running on iOS or Android phone, iPad, tablet or laptop. Alert notifications can be sent by text, email, or phone.

### Contact Details:

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